

## PCT REQUEST

1/6

DEC 2004

PCTA/KRIB/1

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.01.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
0-7	Applicant's or agent's file reference	PCTA/KRIB/1
I	Title of invention	Hansenula polymorpha yapsin deficient mutant strain and process for the preparation of recombinant proteins using the same
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	Korea Reaserch Institute of Bioscience and Biotechnology
II-5	Address:	52 Eoeun-dong, Yuseong-gu, 305-333 Daejeon Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	82-42-860-4378
II-9	Facsimile No.	82-42-860-4594
II-10	e-mail	hyunkang@mail.kribb.re.kr

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III-1	<b>Applicant and/or inventor</b>	
III-1-1	This person is:	applicant only
III-1-2	Applicant for:	all designated States except US
III-1-4	Name	LeadBio, Inc
III-1-5	Address:	#1721 Hanjin Resort Officetel, 535-5 Bongmyong-dong, Yuseong-gu, 305-333 Daejeon Republic of Korea
III-1-6	State of nationality	KR
III-1-7	State of residence	KR
III-2	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	applicant only
III-2-2	Applicant for:	all designated States except US
III-2-4	Name	BioHoldings CO., LTD
III-2-5	Address:	#201 BVC/KRIBB, 52 Eoeun-dong, Yuseong-gu, 305-333 Daejeon Republic of Korea
III-2-6	State of nationality	KR
III-2-7	State of residence	KR
III-3	<b>Applicant and/or inventor</b>	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for:	US only
III-3-4	Name (LAST, First)	KANG, Hyun-Ah
III-3-5	Address:	#102-1202 HANA Apt., Sinseong-dong, Yuseong-gu, 305-345 Daejeon Republic of Korea
III-3-6	State of nationality	KR
III-3-7	State of residence	KR
III-4	<b>Applicant and/or inventor</b>	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for:	US only
III-4-4	Name (LAST, First)	RHEE, Sang-Ki
III-4-5	Address:	#102-1202 HANA Apt., Sinseong-dong, Yuseong-gu, 305-345 Daejeon Republic of Korea
III-4-6	State of nationality	KR
III-4-7	State of residence	KR

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III-5	<b>Applicant and/or inventor</b>	
III-5-1	This person is:	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	SOHN, Min-Jeong
III-5-5	Address:	175-15 Deokam-dong, Daedeok-gu, 306-200 Daejeon Republic of Korea
III-5-6	State of nationality	KR
III-5-7	State of residence	KR
III-6	<b>Applicant and/or inventor</b>	
III-6-1	This person is:	applicant and inventor
III-6-2	Applicant for	US only
III-6-4	Name (LAST, First)	KIM, Jeong-Yoon
III-6-5	Address:	#102-1202 HANA Apt., Sinseong-dong, Yuseong-gu, 305-345 Daejeon Republic of Korea
III-6-6	State of nationality	KR
III-6-7	State of residence	KR
IV-1	<b>Agent or common representative; or address for correspondence</b>	
	The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	SON, Min
IV-1-2	Address:	17th Floor, City Air Tower, 159-9 Samsung-dong, Gangnam-gu, 135-973 Seoul Republic of Korea
IV-1-3	Telephone No.	82-2-6203-1020
IV-1-4	Facsimile No.	82-2-6203-1026
IV-1-5	e-mail	minson@hanolip.com

V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p>
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&amp;LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</p>
V-5	Precautionary Designation Statement  In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	29 June 2002 (29.06.2002)
VI-1-2	Number	10-2002-0037718
VI-1-3	Country	KR
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (KIPO) (ISA/KR)

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<b>VIII</b>	<b>Declarations</b>	<b>Number of declarations</b>	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
<b>IX</b>	<b>Check list</b>	<b>number of sheets</b>	<b>electronic file(s) attached</b>
IX-1	Request (including declaration sheets)	6	-
IX-2	Description (excluding sequence listing part)	28	-
IX-3	Claims	3	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	10	-
IX-7a	Sub-total number of sheets	48	
IX-6	Sequence listing part of description	14	-
IX-7	TOTAL	62	
	<b>Accompanying items</b>	<b>paper document(s) attached</b>	<b>electronic file(s) attached</b>
IX-8	Fee calculation sheet	✓	-
IX-11	Copy of general power of attorney	reference no. PCTA/KRIB/1	-
IX-16	Sequence listing in computer readable form:		
IX-16 (-ii)	additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter	-	1 Diskette
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract	5	
IX-20	Language of filing of the international application	Korean	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	SON, Min	

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	

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10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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**PCT (ANNEX - FEE CALCULATION SHEET)**

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(This sheet is not part of and does not count as a sheet of the international application)

<b>0</b>	<b>For receiving Office use only</b>			
0-1	International Application No.			
0-2	Date stamp of the receiving Office			
<b>0-4</b>	<b>Form - PCT/RO/101 (Annex)</b>			
0-4-1	PCT Fee Calculation Sheet Prepared using	PCT-EASY Version 2.92 (updated 01.01.2003)		
0-9	Applicant's or agent's file reference	PCTA/KRIB/1		
<b>2</b>	<b>Applicant</b>	Korea Reaserch Institute of Bioscience and Biotechnology, et al.		
<b>12</b>	<b>Calculation of prescribed fees</b>	fee amount/multiplier	Total amounts (KRW)	
12-1	Transmittal fee T	⇒	45,000	
12-2-1	Search fee S	⇒	150,000	
12-2-2	International search to be carried out by	KR		
12-3	International fee			
	Basic fee			
	(first 30 sheets) b1	530,000		
12-4	Remaining sheets	32		
12-5	Additional amount (X)	12,000		
12-6	Total additional amount b2	384,000		
12-7	b1 + b2 = B	914,000		
12-8	Designation fees			
	Number of designations contained in international application	94		
12-9	Number of designation fees payable (maximum 5)	5		
12-10	Amount of designation fee (X)	114,000		
12-11	Total designation fees D	570,000		
12-12	PCT-EASY fee reduction R	-163,000		
12-13	Total International fee (B+D-R) I	⇒	1,321,000	
12-17	<b>TOTAL FEES PAYABLE (T+S+I+P)</b>	⇒	1,516,000	
12-19	Mode of payment	cash		

**VALIDATION LOG AND REMARKS**

13-2-1	Validation messages Request	Green? A translation of the international application into English will have to be prepared under the responsibility of the ISA selected.
		Green? Please note that the entire request (including the title of invention) must be in English

## PCT (ANNEX - FEE CALCULATION SHEET)

PCTA/KRIB/1

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		Green? The title of the invention shall be short and precise. Please verify.
		Green? The title of the invention should preferably be entered in capital letters. Please verify.
13-2-2	Validation messages States	Green? More designations could be made. The following States have not been designated: KR. Please verify.
13-2-3	Validation messages Names	Green? Applicant 1.: Name should preferably be entered in capital letters. Please verify.
		Green? Applicant 2.: Name should preferably be entered in capital letters. Please verify.
		Green? Applicant 3.: Name should preferably be entered in capital letters. Please verify.
13-2-5	Validation messages Biology	Green? Biology: Several PCT contracting States require these indications to be included in the description. Please verify.
13-2-7	Validation messages Contents	Green? Priority 1. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed)
13-2-8	Validation messages Fees	Green? Please confirm that fee schedule utilized is the latest available
13-2-11	Validation messages For receiving Office/International Bureau use only	Green? Verify electronic data for consistency against printed form.



PCT

PCTA/KRIB/1

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0-1	Form - PCT/RO/134 (EASY) Indications Relating to Deposited Microorganism(s) or Other Biological Material (PCT Rule 13bis)	
0-1-1	Prepared using	PCT-EASY Version 2.92 (updated 01.01.2003)
0-2	International Application No.	
0-3	Applicant's or agent's file reference	PCTA/KRIB/1
1	The indications made below relate to the deposited microorganism(s) or other biological material referred to in the description on:	
1-1	page	12
1-2	line	5
1-3	Identification of Deposit	
1-3-1	Name of depositary institution	Korean Collection for Type Cultures
1-3-2	Address of depositary institution	52, Oun-dong, Yusong-Ku, Taejon 305-333, Republic of Korea
1-3-3	Date of deposit	18 June 2002 (18.06.2002)
1-3-4	Accession Number	KCTC 10281BP
1-4	Additional Indications	NONE
1-5	Designated States for Which Indications are Made	all designated States
1-6	Separate Furnishing of Indications	NONE
	These indications will be submitted to the International Bureau later	
2	The indications made below relate to the deposited microorganism(s) or other biological material referred to in the description on:	
2-1	page	12
2-2	line	9
2-3	Identification of Deposit	
2-3-1	Name of depositary institution	Korean Collection for Type Cultures
2-3-2	Address of depositary institution	52, Oun-dong, Yusong-Ku, Taejon 305-333, Republic of Korea
2-3-3	Date of deposit	18 June 2002 (18.06.2002)
2-3-4	Accession Number	KCTC 10282BP
2-4	Additional Indications	NONE
2-5	Designated States for Which Indications are Made	all designated States
2-6	Separate Furnishing of Indications	NONE
	These indications will be submitted to the International Bureau later	
3	The indications made below relate to the deposited microorganism(s) or other biological material referred to in the description on:	
3-1	page	12
3-2	line	12

3-3	Identification of Deposit	
3-3-1	Name of depositary institution	Korean Collection for Type Cultures
3-3-2	Address of depositary institution	52, Oun-dong, Yusong-Ku, Taejon 305-333, Republic of Korea
3-3-3	Date of deposit	18 June 2002 (18.06.2002)
3-3-4	Accession Number	KCTC 10283BP
3-4	Additional Indications	NONE
3-5	Designated States for Which Indications are Made	all designated States
3-6	Separate Furnishing of Indications	NONE
	These indications will be submitted to the International Bureau later	
4	The indications made below relate to the deposited microorganism(s) or other biological material referred to in the description on:	
4-1	page	12
4-2	line	3
4-3	Identification of Deposit	
4-3-1	Name of depositary institution	Korean Collection for Type Cultures
4-3-2	Address of depositary institution	52, Oun-dong, Yusong-Ku, Taejon 305-333, Republic of Korea
4-3-3	Date of deposit	18 June 2002 (18.06.2002)
4-3-4	Accession Number	KCTC 10285BP
4-4	Additional Indications	NONE
4-5	Designated States for Which Indications are Made	all designated States
4-6	Separate Furnishing of Indications	NONE
	These indications will be submitted to the International Bureau later	
5	The indications made below relate to the deposited microorganism(s) or other biological material referred to in the description on:	
5-1	page	12
5-2	line	16
5-3	Identification of Deposit	
5-3-1	Name of depositary institution	Korean Collection for Type Cultures
5-3-2	Address of depositary institution	52, Oun-dong, Yusong-Ku, Taejon 305-333, Republic of Korea
5-3-3	Date of deposit	23 June 2003 (23.06.2003)
5-3-4	Accession Number	KCTC 10485BP
5-4	Additional Indications	NONE
5-5	Designated States for Which Indications are Made	all designated States
5-6	Separate Furnishing of Indications	NONE
	These indications will be submitted to the International Bureau later	

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0-4	This form was received with the international application: (yes or no)	
0-4-1	Authorized officer	

**FOR INTERNATIONAL BUREAU USE ONLY**

0-5	This form was received by the international Bureau on:	
0-5-1	Authorized officer	

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## PCT-EASY INFORMATION SHEET

## VALIDATION LOG

Green?	<b>Request</b> A translation of the international application into English will have to be prepared under the responsibility of the ISA selected.
Green?	
Green?	The title of the invention shall be short and precise. Please verify.
Green?	
Green?	<b>States</b> More designations could be made. The following States have not been designated: KR. Please verify.
Green?	<b>Names</b> Applicant 1.: Name should preferably be entered in capital letters. Please verify.
Green?	Applicant 2.: Name should preferably be entered in capital letters. Please verify.
Green?	Applicant 3.: Name should preferably be entered in capital letters. Please verify.
Green?	<b>Biology</b> Biology: Several PCT contracting States require these indications to be included in the description. Please verify.
Green?	<b>Contents</b> Priority 1. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed)
Green?	<b>Fees</b> Please confirm that fee schedule utilized is the latest available
Green?	<b>For receiving Office/International Bureau use only</b> Verify electronic data for consistency against printed form.

Before submitting the International Application, please carefully verify that:

- the information contained on printed Request form is correct;
- Box X of the Request form has been signed;
- all elements of the international application as indicated in Boxes VIII and IX of the Request form have been attached; and,
- the diskette containing the PCT-EASY zip file of the International Application has been enclosed and has been clearly labeled

## ATTENTION

DO NOT modify any indications on the Request form printout. The electronic version of the PCT-EASY application has been locked. If an error or an omission is discovered at this time, you must reopen the stored form for submission, perform necessary amendments and immediately resubmit the form. Finally, a NEW submission diskette must be created manually by resending the corrected stored form to the diskette. The previously created printout and submission diskette must be destroyed in order to prevent the possibility of erroneously sending it to the RO.

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